Advance Planning Briefing for Industry 7 June 2005

urface & Expeditionary Warfare Programs

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Landing Craft Air Cushion

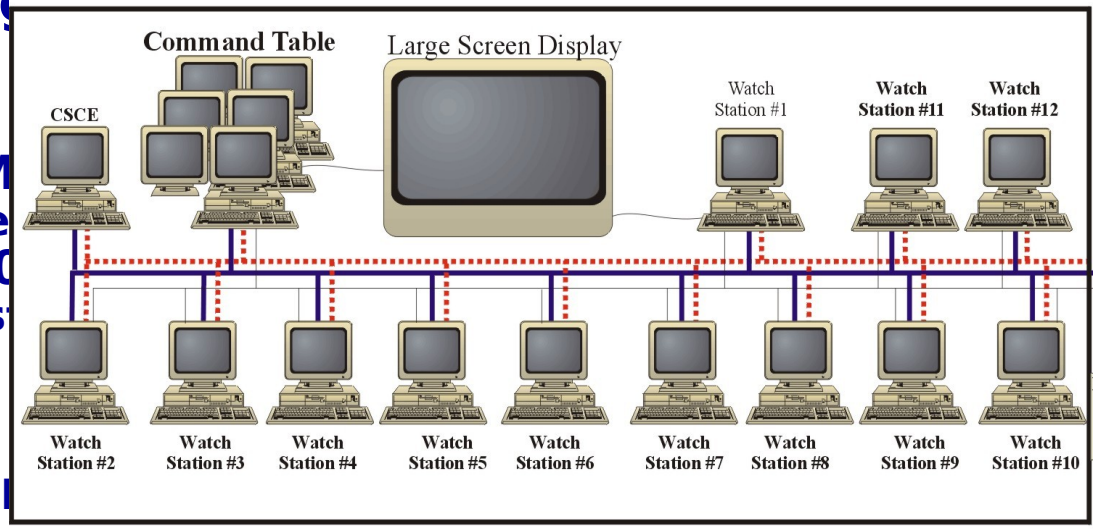
- **REQUIREMENT: Modify both LCAC Full Mission Trainers (FMT), Device 20G6, to match Service Life Extension Program (SLEP) of the Craft**
- **Estimated Total Value: $4-5M**
- **Various Awards FY05 – FY08**
- **Acquisition Strategy**
  - **Competitive**
- **POC:**
  - **(407) 380-4025**

Landing Craft Air Cushion
(cont'd)

- **REQUIREMENT: Develop new and update existing curriculum to support operations and maintenance training for SLEP Craft**
- **Estimated Total Value: ~$4.**
- **Various Awards FY05 - FY0**
- **Acquisition Strategy**
  - **Competitive**
  - **Market Survey underway**
- **POC:**
  - **(407) 380-4025**

Generic Reconfigurable Training Systems (GRTS)

- **REQUIREMENT: Demonstrate feasibility of migrating away from hardware intensive, single purpose training devices and move toward a software/graphics intensive, PC based, rapid reconfigurable training**
- **Current Efforts**
  - **Partnership with NGM**
    - ***CTTAS* © Architecture**
  - **RFP Released 1 June 0**
    - **Solicit broader indus participation**
    - **IDIQ structure**
    - **Estimated Value: FY05 – 06: ~$7 – $10**



- **Acquisition Strategy: Full & Open**
- **POC:**
  (407) 380-8876

Multi-Purpose Supporting Arms Trainer (MSAT)

- **REQUIREMENT: Develop an interoperable Multi-Purpose Supporting Arms Trainer for EWTGLANT/PAC to train Terminal Controllers and Forward Observers in the employment of:**
  - **Naval Fire Support**
  - **Tactical Air Support**
  - **Field Artillery Support**
- **System Integrator: Go**
- **Estimated Value to Industry:**
  - **Up to $2.5M, FY06 - 0**
- **Acquisition Strategy**
  - **TBD**
- **POC:**
  - **(407) 380-8017**

Fire Fighting Trainers

- **REQUIREMENT: Continue Modifications and Upgrades of Fire Fighting Trainers at Fleet Fire Fighting Schools, implement a Service Life Extension Program, convert Fire Fighting School, Pearl Harbor, from fossil fuel to propane, replace DC "Wet" Trainer.**

- **Various Awards FY05 - FY09**

- **Acquisition Strategy**
  - **SLEP - Competitive (FTSS II)**
    - **Industry Day Complete**
    - **Site Survey 6-10 June 05**
    - **Aug 05 Contract Award**
  - **Mods/Upgades: Various**

- **Estimated Value:**
  - **Mods: ~$500K/yr**
  - **SLEP: ~$1M/yr FY05-09**
  - **Pearl: ~$3M FY06**

- **POCs:**
  - **(407) 380-8156**
    (407) 380-8271

Minor Modification Program

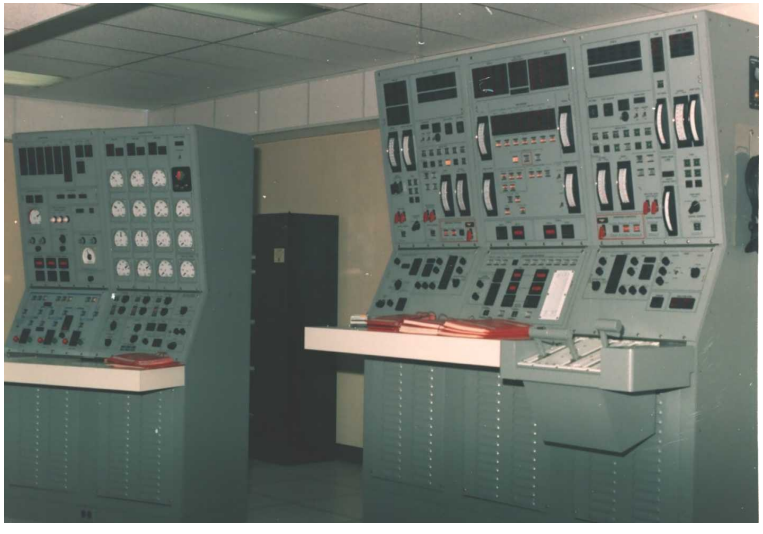
- **REQUIREMENT: Provide modifications and upgrades to existing surface trainers at various sites. Modifications are fleet prioritized and include enhancements, rehosts, hardware/software upgrades and other modernization efforts.**
- **Various/Multiple Awards each FY**
- **Various Acquisition Strateg**
- **Program Value: ~$5M/year**
- **POC:**
  - **(407) 380-4029**

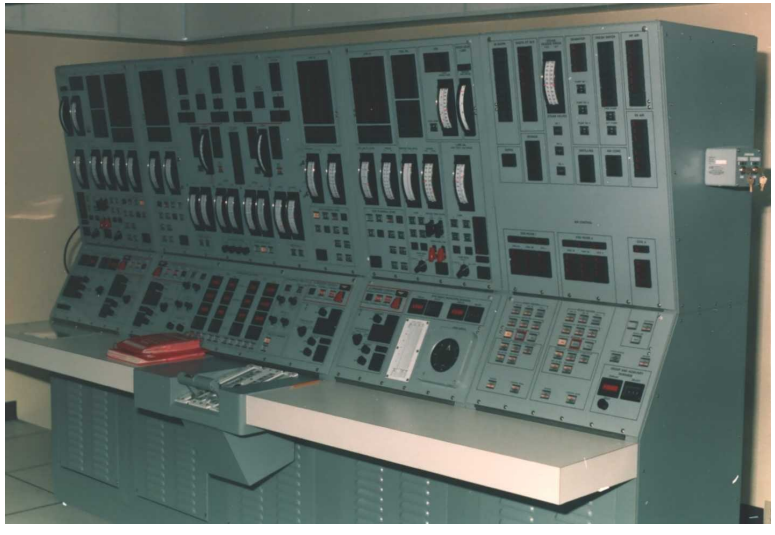
Hull, Mechanical & Electrical (HM&E) Trainer Upgrades

Following Initiatives Planned for FY05 – 07

POC: Finn Kilsgaard, (407) 380-4414, Finn.Kilsgaard@navy.mil

TRAINER	AWARD YR	EST $	ACQ STRAT
19G4 DDG-51 Gas Turbine Propulsion Plant Trainer, Rehost to PC	FY05	900K	Comp
19G4A DDG-51 Gas Turbine Propulsion Plant Trainer, PC "Desktop" Trainer	FY06	650K	TBD
20H5 DD-963 Engineering Control Surveillance System Operator Trainer, Rehost to PC	FY06	300K	TBD
20H5CG, Convert 20H5 to CG-52 Baseline Operator Trainer	FY06	980K	TBD
19E3 DD-963 Engineering Control Surveillance System (ECSS) Operations & Maintenance Trainer, rehost to PC	FY06	400K	TBD





Center for Naval Engineering
Engineering Plant Operators Course (EPOC)

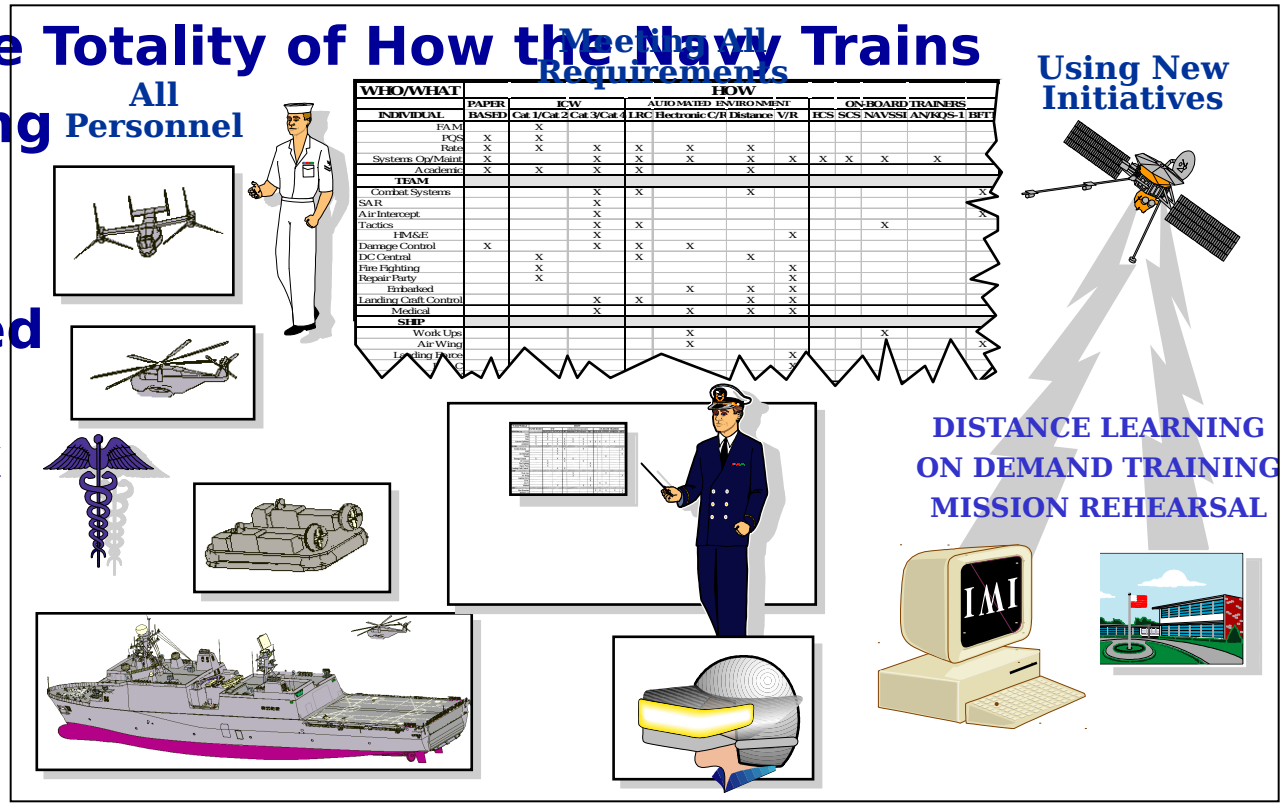
- **REQUIREMENT: Transform "journeyman level" propulsion engineering training, both operator and maintenance, from existing "brick and mortar, paper based" curriculum to a "blended solution" based on the Science of Learning and sound instructional design.**

- **Current/Planned Efforts**
  - **Initial planning stages**
  - **Phased analysis underway**
    - **Phase 1 complete Aug 05**
    - **Phase 2 complete Nov 05**
  - **Estimate Dec 05 RFP release for Phase 1 requirements**
  - **Acquisition Strategy: Full & Op**
  - **Estimated Total Value: ~$25M**

- **POC:**
  - **(407) 380-4414**

Total Ship Training (TST)/Human Systems Integration (HSI)

- TSD provides Training IPT Leadership/Support for LPD 17, CVN21, LHD-8 and SmartShip Programs; HSI support for LHA(R) and DD(X)
- Supports NAVSEA PEO(IWS)1B with TSTS "Components"
- Highly Leveraged Multi-Program Strategy
- TST Impacts the Totality of How the Navy Trains
- Optimal Manning
- Workload Reduction
- Human Centered Design
- Varied Skill Mix



PEO (IWS) 1B
Total Ship Training System

- **REQUIREMENT: Draft the Capability Development Document (CDD) for a Total Ship Training System (TSTS) and staff for JCIDS review process.**

- **Current Efforts**
  - **Initial Planning Stages**
  - **Assemble Gov't/Industry IPT**
  - **Lead Industry Member:**
    - **KAEGAN Corporation**

- **Estimated Value to Industry**
  - **~$750K - $950K**

- **Acquisition Strategy:**
  - **Recently Awarded TST/HSI IDIQ**
  - **May pursue other avenues as requirements dictate**

- **POC:**
  (407) 380-8876

Conclusion/Summary

- **Advances in Technology Enable New Ways To Train**
  - **Important to maintain a dynamic balance between "*Requirements Pull*" and *"Technology Push"***
- **Total Ship Training**
  - **Human Systems Integration (HSI)**
  - **Total Ownership Costs (TOC)**
  - **Optimal Manning/Workload Reduction**
  - **Partnerships with Industry and other Naval Warfare Centers will support integration of training from the "Total Ship" perspective**
- **Alignment with NAVSEA, NETC/NPDC and Learning Centers**
- **Focus on Fleet Concentration Areas**
- **Facilitate achieving the Vision and Strategy for Surface Warfare Training, OPNAVINST 1500.57A**

Office of the Chief of Naval Operations

Surface Warfare

Persuasive in Peace, Decisive in War, Preeminent in Any Form of Conflict

http://neds.daps.dla.mil/Directives/1500_57a.pdf